

Title (en)

APPARATUS FOR ANALYZING SUBSTANTIALLY UNDILUTED SAMPLES OF BIOLOGIC FLUIDS

Title (de)

APPARAT ZUM ANALYSIEREN VON IM WESENTLICHEN UNGELÖSTEN PROBEN BIOLOGISCHER FLÜSSIGKEITEN

Title (fr)

ANALYSEUR POUR ECHANTILLONS DE FLUIDES ANATOMIQUES SENSIBLEMENT NON DILUES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9945385A1] An apparatus for analyzing a sample of biologic fluid quiescently residing within a chamber (20) is provided. The apparatus includes a field illuminator (40), a positioner (86), a mechanism for determining the volume of a sample field, and an image dissector (42). The field illuminator (40) is operable to illuminate a sample field of known, or ascertainable, area. The positioner (86) is operable to selectively change the position of one of the chamber (20) or the field illuminator (40) relative to the other, thereby permitting selective illumination of all regions of the sample. The mechanism for determining the volume of a sample field can determine the volume of a sample field illuminated by a light source. The image dissector (42) is operable to convert an image of light passing through or emanating from the sample field into an electronic data format.

IPC 1-7

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 9945385A1

Cited by

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WO 9945385 A1 19990910; AU 2886999 A 19990920; AU 756568 B2 20030116; CA 2321684 A1 19990910; CN 1166950 C 20040915; CN 1299466 A 20010613; EP 1070251 A1 20010124; EP 1070251 A4 20070613; EP 1070251 B1 20111214; ES 2380511 T3 20120514; JP 2003518607 A 20030610; JP 4336455 B2 20090930; NO 20004454 D0 20000906; NO 20004454 L 20001103; US 2002028158 A1 20020307; US 2002055178 A1 20020509; US 6866823 B2 20050315; US 6869570 B2 20050322; US 6929953 B1 20050816

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